

AN: PAT 2002-165160
TI: Windscreen washer jet in mounting shaft shapes shaft
trapezoidally into housing with jet unit also trapezoidal with
fluid outlet parallel to respective trapezoid side.
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AB: NOVELTY - The section of the jet mounting shaft (3) narrows
trapezoidally towards the inside of the housing (1) and the jet
unit (4,8) is correspondingly trapezoidal so the fluid outlet
(7) lines up parallel to one side of the longitudinal sides of
the unit (4,8). Viewed in vertical section the shaft (3) forms
an equilateral trapezoid and the jet element (8) presents a
fluidics component having upper and lower wall surfaces. One
surface is closed as against the upper surface which is
designed as a jet face. The jet unit (4,8) is held by press-fit
in the housing (1).; USE - Windscreen washers. ADVANTAGE -
Trapezoidally designed jet and shaft offer variable insertion
and jet issue through differentially designed surfaces thus
covering a wider range of vehicle specifications. DESCRIPTION
OF DRAWING(S) - The drawing shows a longitudinal section
through the jet. housing 1 wash fluid connection 2 shaft 3 jet
unit 4,8 fluid channel 5 fluid channel. 6
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